## ABSTRACT

(wherein  $R^1$ ,  $R^2$  and  $R^3$  are the same or different, and represent a hydrogen atom, lower alkyl, lower alkenyl or lower alkynyl;  $R^4$  represents cycloalkyl,  $-(CH_2)_n-R^5$  or a group represented by the above formula (II); and  $X^1$  and  $X^2$  are the same or different, and represent an oxygen atom or a sulfur atom)

The present invention provides, for example, agents for treating migraine comprising, as an active ingredient, a xanthine derivative represented by the above formula (I) or a pharmaceutically acceptable salt thereof.